

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|---------------------|
| S1 | 1180 | global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:15 |
| S2 | 25691 | square\$1 near3 error | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:16 |
| S3 | 1591 | global near2 motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:16 |
| S4 | 185 | S2 and S3 | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:16 |
| S5 | 135 | S4 and motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:16 |
| S6 | 127 | S5 and frame | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:16 |
| S7 | 95 | S5 and (boundary or edge or border) | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:17 |
| S8 | 49 | median near3 square\$1 near3 error | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:20 |
| S9 | 4 | S3 and S8 | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:21 |
| S10 | 160 | median same square\$1 near3 error | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:21 |
| S11 | 4 | S10 and S3 | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:21 |
| S12 | 18788 | motion near3 (estimation or compensation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:22 |
| S13 | 4 | S10 same S12 | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:22 |
| S14 | 16 | S10 and S12 | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:22 |
| S15 | 125 | ("4590607" "4797942" "4835532" "5140416" "5168530" "5187754" "5262856" "5394520" "5550937" "5611000" "5613013" "5649032" "5657402" "5751852" "5809179").PN. OR ("6078701").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/24 12:32 |
| S16 | 19 | S15 and square\$1 near3 error | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:36 |

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|-----|-------|---|--------------------|-----|----|---------------------|
| S17 | 906 | S3 and motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:48 |
| S18 | 812 | S17 and motion near3 (estimation or compensation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 12:49 |
| S19 | 5 | ("20020131502" "5640822" "5717470" "6275527" "6442204"). PN. | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 13:00 |
| S20 | 304 | heislerv.inv. | US-PGPUB; USPAT | ADJ | ON | 2009/06/24 13:04 |
| S21 | 1 | "5473379".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 15:57 |
| S22 | 1 | "6834119".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:01 |
| S23 | 4187 | select\$4 with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:03 |
| S24 | 5585 | decode\$3 with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:04 |
| S25 | 1987 | S23 and S24 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:04 |
| S26 | 40 | Imeds or (least median of squares) or (least median square\$1 error) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:05 |
| S27 | 3 | S25 and S26 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:05 |
| S28 | 4 | S23 and S26 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:05 |
| S29 | 49 | Imeds or (median of squares) or (median square \$1 error) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:06 |
| S30 | 10 | S29 and motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:06 |
| S31 | 8 | S29 and motion (estimation or compensation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:09 |
| S32 | 44286 | Imeds or Ims or (median near4 square) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:27 |
| S33 | 43854 | Imeds or Ims or (median near4 square near4 error) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:27 |
| S34 | 192 | S32 and motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:28 |
| S35 | 19 | S25 and S32 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:28 |
| S36 | 42 | S32 same motion (estimation or compensation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:33 |

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|-----|-----|--|------------------------------|-----|----|---------------------|
| S37 | 11 | S36 and motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:34 |
| S38 | 292 | S32 and motion (estimation or compensation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:36 |
| S39 | 19 | S25 and S38 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:36 |
| S40 | 5 | ("20030058949" "20040228410" "5790206" "6983018" "7046916").PN. OR ("7471724").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/29 16:37 |
| S41 | 186 | ("20010050957" "20020186890" "20030095603" "20030099292" "20030112864" "20030113026" "20030142748" "20030152146" "20030156646" "20030202705" "20050013497" "20050013498" "20050036700" "20050036759" "20050100093" "20050226335" "20060013307" "4454546" "4661849" "4661853" "4691329" "4695882" "4796087" "4800432" "4849812" "4862267" "4864393" "4999705" "5021879" "5068724" "5089887" "5091782" "5103306" "5117287" "5155594" "5157490" "5175618" "5223940" "5258836" "5274453" "5298991" "5319463" "5376971" "5379351" "5400075" "5412430" "5422676" "5424779" "5428396" "5442400" "5448297" "5457495" "5461421" "5465118" "5467086" "5467136" "5477272" "5491523" "5510840" "5517327" "5539466" "5544286" "5546129" "5550541" "5552832" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/29 16:39 |

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| S42 | 0 | 375/240.clas. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:43 |
| S43 | 1264 | 375/240.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:43 |
| S44 | 5 | S41 and S43 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:43 |
| S45 | 89375 | "375".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:43 |
| S46 | 163 | S41 and S45 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:44 |
| S47 | 120 | S25 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:47 |
| S48 | 10 | S32 same global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:56 |
| S49 | 46 | S32 same (motion near4 (estimation or compensation)) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 16:58 |
| S50 | 60 | S32 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:14 |
| S51 | 20 | S45 and S50 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:14 |
| S52 | 374 | S32 and (motion near4 (estimation or compensation)) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:18 |
| S53 | 107 | S52 and S45 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:18 |
| S54 | 2 | S52 and S43 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:18 |
| S55 | 93 | median same square same motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:40 |
| S56 | 44 | median same square same motion near4 (vector or compensation or estimation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:40 |
| S57 | 18 | median with square same motion near4 (vector or compensation or estimation) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:43 |

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| S58 | 10 | ("20010016007" "20020140829" "20030002750" "20030063816" "20030142882" "20030194149" "20040091171" "5657402" "5995095" "6807306").PN. | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:45 |
| S59 | 166 | least median near3 squares | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:52 |
| S60 | 5 | S58 and square | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:52 |
| S61 | 24 | S59 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 17:54 |
| S62 | 172 | least median near3 (square or squared) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 18:06 |
| S63 | 24 | S62 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 18:06 |
| S64 | 487 | median near3 (square or squared) | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 18:10 |
| S65 | 24 | S64 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 18:10 |
| S66 | 0 | S65 not S63 | US-PGPUB; USPAT | ADJ | ON | 2009/06/29 18:10 |
| S67 | 415 | global motion with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 11:58 |
| S68 | 5591 | decode\$3 with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 11:59 |
| S69 | 135 | S67 and S68 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 11:59 |
| S70 | 342 | global motion with motion estimation | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 11:59 |
| S71 | 57 | S69 and S70 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 11:59 |
| S72 | 3326 | motion estimation with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:28 |
| S73 | 14 | S68 same S70 same S72 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:28 |
| S74 | 1624 | (decode or decodes decoding) with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:39 |
| S75 | 1 | S74 same S70 same S72 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:39 |
| S76 | 41 | S72 same S74 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:40 |

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|-----|------|---|------------------------------|-----|----|---------------------|
| S77 | 1 | S76 and S70 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:40 |
| S78 | 1 | global motion and S76 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:40 |
| S79 | 4 | S74 same S70 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:40 |
| S80 | 2 | ("5991447" "6252975"). PN. OR ("7305033").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/30 15:41 |
| S81 | 4 | S74 and S70 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:45 |
| S82 | 352 | S74 and S72 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:45 |
| S83 | 8 | S76 and global | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:46 |
| S84 | 2638 | (decode or decodes decoding) same motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:47 |
| S85 | 190 | motion estimation same motion vector same global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:50 |
| S86 | 28 | S84 and S85 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 15:50 |
| S87 | 6 | select! with motion estimation with global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 16:01 |
| S88 | 32 | select\$4 with motion estimation with global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 16:03 |
| S89 | 4582 | (group or set) with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:08 |
| S90 | 22 | S89 same motion estimation with global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:09 |
| S91 | 342 | motion estimation with global motion | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:12 |
| S92 | 115 | S89 and S91 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:12 |
| S93 | 779 | S89 same motion estimation | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:13 |
| S94 | 58 | S93 and S91 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:13 |
| S95 | 36 | S94 and decod\$3 | US-PGPUB; USPAT | ADJ | ON | 2009/06/30 18:13 |

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| S96 | 14 | ("4862260" "5006929" "5067014" "5093720" "5237405" "5428396" "5473379" "5557684" "5764803" "6058143" "6249550" "6370194" "6456660" "6600786").PN. OR ("7551673").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/06/30 19:42 |
| S97 | 276 | (exclud\$3 or exclus\$4) with motion vector | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:39 |
| S98 | 26 | S97 and global motion | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:39 |
| S99 | 20 | S97 same (boundary or edge) | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:45 |
| S100 | 491 | (exclud\$3 or exclus\$4) with (motion vector or MV) | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:48 |
| S101 | 26 | S100 same (boundary or edge) | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:48 |
| S102 | 1220 | (exclud\$3 or exclus\$4) same (motion vector or MV) | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:48 |
| S103 | 26 | S101 same (boundary or edge) | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:49 |
| S104 | 5 | S101 same frame | US-PGPUB; USPAT | ADJ | ON | 2009/07/01 12:49 |
| S105 | 7800 | decod\$3 with (motion vector or mv) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 13:36 |
| S106 | 4386 | motion estimation with (motion vector or mv) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 13:36 |
| S107 | 637 | motion estimation with global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 13:37 |
| S108 | 116 | S105 and S106 and S107 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 13:37 |
| S109 | 2 | ("2006/0072663").URPN. | USPAT | ADJ | ON | 2011/05/17 13:50 |
| S110 | 198 | motion estimation with (motion vector or mv) with global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:07 |
| S111 | 157 | motion estimation with (motion vector or mv) with global motion | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:07 |
| S112 | 81 | motion estimation with (motion vector or mv) with global motion estimation | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:07 |

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|------|-----|--|------------------------|-----|----|------------------|
| S113 | 19 | ("20020118761" "20030072373" "20030086498" "20040027454" "20060023786" "20060034528" "20060062296" "20060072663" "5430480" "5575286" "5682205" "5973733" "6160917" "6278736" "6385245" "6707854" "6738099" "7075988" "7227896").PN. OR ("7684628").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:20 |
| S114 | 18 | S113 and motion vector | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:24 |
| S115 | 17 | S113 and (motion vector with global) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/17 17:24 |
| S116 | 488 | motion estimation with (motion vector or mv) with (lowest or least or smallest) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:42 |
| S117 | 29 | S116 same global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:42 |
| S118 | 15 | ("4862260" "5006929" "5067014" "5093720" "5237405" "5428396" "5473379" "5557684" "5764803" "6058143" "6249550" "6370194" "6456660" "6600786").PN. OR ("7551673").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:48 |
| S119 | 7 | S118 and global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:49 |
| S120 | 29 | ("4689673" "4769826" "4845566").PN. OR ("5006929").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:52 |
| S121 | 15 | S120 and global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 11:52 |
| S122 | 64 | ("5006929" "5151784" "5247355").PN. OR ("5473379").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:06 |
| S123 | 28 | S122 and global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:06 |

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|------|------|--|------------------------------|-----|----|---------------------|
| S124 | 904 | motion vector estimation | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:14 |
| S125 | 190 | global motion with (lowest or least or smallest) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:14 |
| S126 | 23 | S124 and S125 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:14 |
| S127 | 18 | ("20030043912" "20030174776" "5430480" "5473379" "5764803" "5844613" "5995095" "6008852" "6037988" "6178202" "6205178" "6205260" "6285711" "6751350").PN. OR ("7227896").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:41 |
| S128 | 17 | S127 and global | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 12:41 |
| S129 | 4 | "6498810" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 15:20 |
| S130 | 1 | "20060072663" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/18 15:35 |
| S131 | 5589 | 375/240.16 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2011/05/19 16:09 |

EAST Search History (Interference)

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5/ 19/ 2011 4:09:24 PM

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